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ABSTRACT

An individual optical signal transmission substrate
1 comprises an optical signal transmission area 100 where
5 at least one of a light emitting element E for sending an
optical signal to other optical signal transmission
substrates or a light receiving element D for receiving an
optical signal from other optical signal transmission
substrates is located so as to be capable of sending or
10 receiving the optical signal in a direction substantially
perpendicular to the surface of the substrate. When a
plurality of such substrates are laminated one over another,
the light receiving element is located in any one of the
optical signal transmission substrates so as to be opposed
15 to the light emitting element provided in any one of the
other optical signal transmission substrates, thereby
composing an optical signal transmission device.